

AVAILABLE MATERIALS

- Zinc diecast alloy

FEATURES/ADVANTAGES

- Medium to heavy loads
- Can be used in dead, variable, or vibratory conditions in all types of solid or hollow masonry materials
- Four-way expansion assures positive anchoring even under adverse drilling conditions

APPROVALS/LISTINGS

- G.S.A. Spec FF-S-325C, Group II, Type 2, Class I

Ultimate Loads in Lbs.

ORDER DETAIL

Order Code	Bolt Dia.	Hole Dia.	Shield Length	Tension*	Shear*	Tension Block	Box Qty.	Master Qty.
1104000	1/4"-20	1/2"	1-1/4"	2,320	2,100	1,925	100	800
1105000	5/16"-18	9/16"	1-1/2"	2,600	3,300	2,100	100	500
1106000	3/8"-16	11/16"	1-3/4"	3,640	3,850	2,440	50	400
1108000	1/2"-13	7/8"	2-1/4"	5,100	8,100	3,050	50	150
1110000	5/8"-11	1-1/8"	2-5/8"	5,820	14,170	N.A.	50	100
1112000	3/4"-10	1-1/4"	3-1/8"	9,850	15,300	N.A.	25	50

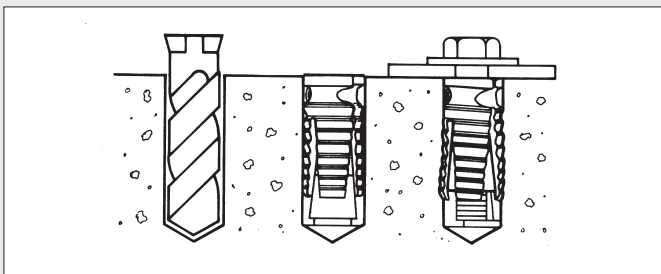
* Tested in 3000 P.S.I. Concrete

INSTALLATION

- 1 Drill hole to at least shield length.
- 2 Clean hole of debris.
- 3 Place the Forway in the hole.
- 4 Position equipment. Insert machine bolt through equipment into shield.
- 5 Tighten.

For hanger rod installation

- 1 Thread a hex nut onto the hanger rod, add a flat washer, then screw the Forway against the washer.
- 2 Place the Forway in the hole.
- 3 Expand the Forway by tightening the hex nut against the surface of the base material.



AVAILABLE MATERIALS

- Zinc diecast alloy

FEATURES/ADVANTAGES

- Medium to heavy loads
- Can be used in dead, variable, or vibratory conditions in all types of solid masonry
- Cannot be over-expanded, excellent near edge of slabs

APPROVALS/LISTINGS

- G.S.A. Spec FF-S-325C, Group II, Type 1, Class 1 (Long)
- G.S.A. Spec FF-S-325C, Group II, Type 1, Class 2 (Short)

ORDER DETAIL

Order Code	Bolt Dia.	Hole Dia.	Shield Length	Box Qty.	Master Qty.
Short Shields					
3304000	1/4"	3/8"	1-7/8"	40	9/16"
3305000	5/16"	3/8"	1-7/8"	40	9/16"
3306000	3/8"	3/8"	1-7/8"	40	9/16"
3308000	1/2"	3/8"	1-7/8"	40	9/16"
Long Shields					
3314000	1/4"	1/2"	1-1/2"	100	800
3315000	5/16"	1/2"	1-3/4"	100	500
3316000	3/8"	5/8"	2-1/2"	50	250
3318000	1/2"	3/4"	3"	50	150

* Tested in 3000 P.S.I. Concrete

INSTALLATION

- 1 Drill recommended hole to depth of shield.
- 2 Clean hole of debris.
- 3 Insert shield in hole and tap with hammer for proper positioning.
- 4 Place equipment over shield. Insert lag screw into shield and tighten.

